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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/534,864	12/07/2005	Chiara Castelli	2503-1147	1063
466 YOUNG & TH	7590 07/10/2007 OMPSON		EXAM	INER
745 SOUTH 23RD STREET DUFF		DUFFY, B	RADLEY	
2ND FLOOR ARLINGTON,	VA 22202	•	ART UNIT	PAPER NUMBER
	•		1643	
•				
		•	MAIL DATE	DELIVERY MODE
			07/10/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
	10/534,864	CASTELLI ET AL.	
Office Action Summary	Examiner	Art Unit	•
	Brad Duffy	1643	
The MAILING DATE of this communication	on appears on the cover sheet v	ith the correspondence address	
A SHORTENED STATUTORY PERIOD FOR F WHICHEVER IS LONGER, FROM THE MAILII - Extensions of time may be available under the provisions of 37 of after SIX (6) MONTHS from the mailing date of this communicate - If NO period for reply is specified above, the maximum statutory - Failure to reply within the set or extended period for reply will, by Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	NG DATE OF THIS COMMUN CFR 1.136(a). In no event, however, may a ion. period will apply and will expire SIX (6) MO statute, cause the application to become A	ICATION. reply be timely filed NTHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).	
Status			
 1) Responsive to communication(s) filed on 2a) This action is FINAL. 3) Since this application is in condition for a closed in accordance with the practice ur] This action is non-final. llowance except for formal ma	·	
Disposition of Claims			•
4) □ Claim(s) 1-14 is/are pending in the application 4a) Of the above claim(s) is/are with 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) 1-14 are subject to restriction are	thdrawn from consideration.		
Application Papers			
9) The specification is objected to by the Example 10) The drawing(s) filed on is/are: a) Applicant may not request that any objection Replacement drawing sheet(s) including the country. The oath or declaration is objected to by the country of the countr	accepted or b) objected to the drawing(s) be held in abeyon correction is required if the drawing	nnce. See 37 CFR 1.85(a). g(s) is objected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119	•		
12) Acknowledgment is made of a claim for for a) All b) Some * c) None of: 1. Certified copies of the priority docu 2. Certified copies of the priority docu 3. Copies of the certified copies of the application from the International E * See the attached detailed Office action for	uments have been received. uments have been received in e priority documents have bee Bureau (PCT Rule 17.2(a)).	Application No n received in this National Stage	
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-9-3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	48) Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application 	

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DETAILED ACTION

1. The preliminary amendment filed December 7, 2005 is acknowledged and has been entered. Claims 1, 6, 8-9, 11 and 13 have been amended.

2. Claims 1-14 are pending in this application and are currently subject to restriction.

Election/Restrictions

3. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions, which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claims 1 and 9-14, insofar as the claims are drawn to a peptide of SEQ ID NO:1 and compositions comprising said peptide.

Group II, claims 2, drawn to a monoclonal or polyclonal antibody that selectively binds a peptide of SEQ ID NO:1.

Group III, claims 3-5 and 9-14, insofar as the claims are drawn to an isolated nucleic acid molecule encoding a peptide of SEQ ID NO:1, expression vectors, host cells and compositions comprising said nucleic acid.

Group IV, claims 6-8, drawn to isolated CD4+ T lymphocytes that selectively recognize and bind a peptide of SEQ ID NO:1 associated to a HLA-Class II molecule or antigen presenting cells carrying said peptide bound to said HLA molecule.

4. The inventions listed as Groups I-IV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

To have a general inventive concept under PCT Rule 13.1, the inventions need

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to be linked by a special technical feature. The technical feature recited in claim 1 is a peptide of SEQ ID NO:1. This claim lacks an inventive step over Novellino et al (cited by Applicant; IDS filed 8/19/2005). Novellino et al teaches a peptide of SEQ ID NO:1 (see entire document, e.g., Figure 7). Since Novellino et al teach the technical feature recited in claim 1, it is not a special technical feature and the groups do not relate to a single general inventive concept as required under PCT Rule 13.1. PCT Rules 13.1 and 13.2 do not provide for a single general inventive concept to comprise more than the first mentioned product, the first mentioned method for making said product, and the first mentioned method for using said product.

For these reasons, the special technical feature of the invention of Group I is a peptide of SEQ ID NO:1.

The special technical feature of the invention of Group II is an antibody that selectively binds a peptide of SEQ ID NO:1.

The special technical feature of the invention of Group III is an isolated nucleic acid molecule encoding a peptide of SEQ ID NO:1.

The special technical feature of the invention of Group IV are isolated CD4+ T lymphocytes that selectively recognize and bind a peptide of SEQ ID NO:1 associated to a HLA-Class II molecule.

Accordingly the groups are not so linked as to form a single general concept under PCT Rule 13.1.

5. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

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Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103 (a) of the other invention.

- 6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(l).
- 7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brad Duffy whose telephone number is (571) 272-9935. The examiner can normally be reached at Monday through Friday from 7:00 AM to 4:30 PM, with alternate Fridays off. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Larry Helms, can be reached at (571) 272-0832. The official fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Respectfully, Brad Duffy 571-272-9935 bd July 5, 2007 /Stephen L. Rawlings/ Stephen L. Rawlings, Ph.D. Primary Examiner, Art Unit 1643